

CLAIMS

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- 5 1. A manufacturing method of laminates comprising:
a first step of preparing a first laminate by stacking a plurality of sheet-like materials, on top of one another in layers, each having apertures on a surface thereof in part; and
a second step of obtaining a second laminate by sandwiching said first laminate between a rigid body and an elastic body that are located opposite to each other or between opposing elastic bodies and then by having a pressing force applied thereto.
- 10 2. The manufacturing method of laminates according to Claim 1, wherein said elastic bodies have heat resistant characteristic.
3. The manufacturing method of laminates according to Claim 1, wherein said elastic body is more thick than said first laminate.
- 15 4. ~~The manufacturing method of laminates according to Claim 1, wherein a size of said elastic bodies are larger than a contact area between said first laminate and said elastic bodies.~~
5. The manufacturing method of laminates according to Claim 1, wherein a contact area of said elastic body with said first laminate is not adhesive to said first laminate.
- 20 6. The manufacturing method of laminates according to Claim 1, wherein a flat elastic non-adhesive film is inserted between said elastic body and said first laminate.
7. The manufacturing method of laminates according to Claim 6, wherein a surface area of said non-adhesive film is made larger than a contact area with said first laminate.
- 25 8. The manufacturing method of laminates according to Claim 7, wherein said non-adhesive film has heat resistant characteristic.
9. The manufacturing method of laminates according to Claim 1, wherein a pressing force is applied to said first laminate with a side surface thereof covered with a framework in said second step.
- 30 10. The manufacturing method of laminates according to Claim 9, wherein

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an inner peripheral configuration of said framework is made larger than an outer peripheral configuration of said first laminate.

11. The manufacturing method of laminates according to Claim 9, wherein said framework has elastic characteristic.

12. The manufacturing method of laminates according to Claim 9, wherein a height of said framework is equal to a thickness of said first laminate or lower.

13. The manufacturing method of laminates according to Claim 9, wherein said framework has heat resistant characteristic.

14. The manufacturing method of laminates according to Claim 1, wherein said second step is carried out while said first laminate being maintained in a depressurized atmosphere.

15. The manufacturing method of laminates according to Claim 14, wherein said pressing force application in said second step is carried out after a gas inside said first laminate is eliminated.

16. The manufacturing method of laminates according to Claim 14, wherein said pressing force application in said second step is carried out after an atmospheric pressure around said first laminate is reduced to 80 hPa or lower.

17. The manufacturing method of laminates according to Claim 1, wherein said sheet-like material is formed of a green sheet and an internal electrode layer.

18. The manufacturing method of laminates according to Claim 17, wherein said green sheet is formed of polyolefin and an inorganic powder.

19. The manufacturing method of laminates according to Claim 18, wherein said first laminate is heated to a temperature, at which polyolefin is softened, or higher in said second step.

20. Pressing force application equipment comprising:

a first pressing force application member with an elastic body provided inside of a box-like rigid body; and a second pressing force application member with an elastic body provided inside of a box-like rigid body, wherein said first and second pressing force application members are arranged so

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~~as to have said elastic body located opposite to each other, and also at least one of said first and second pressing force application member is made movable.~~

5 ~~21. The pressing force application equipment according to Claim 20, wherein~~
 a frame is provided on a periphery of each of said respective rigid bodies of
 said first and second pressing force application members, said rigid bodies
 being located opposite to each other.

10 ~~22. The pressing force application equipment according to Claim 21, wherein~~
 an air outlet is provided on each of said respective first and second press-
 ing force application members.

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~~23. The pressing force application equipment according to Claim 21, wherein~~
 said elastic body is held by a supporter provided on inner wall surfaces of
 said rigid body and left under a floating state against said inner wall sur-
 faces at other places .

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